

**Worksheet 5. Application Summary** 03-0015

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. **Consortium Name:** California Dried Plum Board
2. **Location:** Fresno, California
3. **Crop:** Dried Plum (Prune), Fig and Raisin
- Pounds of Methyl**
4. **Bromide Requested** 2005 45,000 lbs.
- Volume Treated with**
5. **Methyl Bromide** 2005 30,000 (1,000 cu ft)
6. If methyl bromide is requested for additional years, reason for request:

2006	45,000	lbs.	Volume Treated	30,000	(1,000 cu ft)
2007	45,000	lbs.	Volume Treated	30,000	(1,000 cu ft)

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
Phosphine		X	Corrosive, resulting in higher equipment maintenance costs, would require construction of new facilities. Used where feasible now.
CO <sub>2</sub>		X	Costly to implement and not feasible on a commercial scale.
Contact Insecticide	X		Can not obtain sufficient coverage on bulk commodity; leaves chemical residues. Does not control internal infestations.
Pyrethrins	X		Controls only insects in free air space. Not effective in disinfecting bulk commodity. Currently used as part of control program.
Biological Agents (granulosis virus)	X		Controls only larval stage of Indianmeal moth. Will not kill other insect pests and will not disinfest commodity.
Cold Treatment	X	X	Not practical for disinfecting large, commercial volumes of commodity. Would require very expensive retrofitting of existing facilities.
IPM	X	X	Has not been proven commercially. Expenditures for facilities would be cost prohibitive.
Heat Treatment	X	X	Not practical for disinfecting large, commercial volumes of commodity. Would require very expensive retrofitting of existing facilities.
Irradiation	X	X	Not proven as a commercial alternative. Living insects remain in commodity, which is unacceptable to consumers.
Pest Resistant Packaging	X		Only prevents reinfestation of finished product. It does not address disinfecting stored bulk product.
Ethyl or Methyl Formate	X		Only prevents reinfestation of finished product. It does not address disinfecting stored bulk product.
Sulfuryl Fluoride	?	?	Not registered.
Physical Removal/Cleaning/Sanitation	X	X	Reduces reinfestation of stored and finished product. It does not address disinfecting stored bulk product.